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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> Modified PTO Form 1449	ATTY. DOCKET NO. 12178/2	SERIAL NO. 10/070 180
	APPLICANT NAKAI et al.	
	FILING DATE July 8, 2002	GROUP 1645

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**U. S. PATENT DOCUMENTS**

EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS	SUBCLASS	FILING DATE
<i>LD</i>	5,565,344	October 15, 1996	Nanba et al.			

**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

**OTHER DOCUMENTS**

EXAMINER INITIAL	AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.
	Hilgenfeld et al., "Crystallization of Blood Coagulation Factor XIII by an automated procedure", FEBS Letters, vol. 265, no. 1,2 (June 1990), pgs. 110-112

EXAMINER <i>Lindsay Odell</i>	DATE CONSIDERED 7/11/2005
EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANTS PTO FORM 1449</b>	Atty. Docket No. 12178/2	Serial No. To Be Assigned
	Applicant(s) Takahisa NAKAI, et al.	
	Filing Date Herewith	Group To Be Assigned

## U. S. PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NUMBER	PATENT DATE	NAME	CLASS	SUBCLASS	FILING DATE

## FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
						YES	NO
LO	*WO 94/03613	February 17, 1994	PCT				X
LO	*EP 677584	October 18, 1995	Europe				
LO	*EP 780473	June 25, 1997	Europe				

in  
Japanese

\* Copy of reference is not enclosed because reference is cited in Search Report (copy of reference provided by International Searching Authority).

## OTHER DOCUMENTS

EXAMINER'S INITIALS	AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.
LO	*T. Nakai et al., "Crystal Structure of N-carbamyl-D-amino acid amidohydrolase with a novel catalytic framework common to amidohydrolases", Structure Fold. Des. Vol. 8 (7) July 2000, pp. 2991-3006
LO	*W. H. Hsu et al. "Expression crystallization and preliminary X-ray diffraction studies of N-carbamyl-D-amino acid amidohydrolase from <i>Agrobacterium radiobacter</i> ", Acta Crystallogr. D Biol. Crystallogr. Vol. 55 (part 3), March 1999, pp. 694-695
LO	*A. Buson et al., "Identification, sequencing and mutagenesis of the gene for a D-carboamoylase from <i>Agrobacterium radiobacter</i> ", FEMS Microbiol. Lett., vol. 145 (1), 1996, pp. 55-62
LO	*N. Declerck et al., "Hyperthermostable mutants of <i>Bacillus licheniformis</i> $\alpha$ -amylase: multiple amino acid replacements and molecular modelling", Protein Eng., vol. 8 (10), 1995, pp. 1029-1037
LO	*C. O. Pabo, "Computer-Aided Design of Thermostable Proteins", AD Rep., [AD-A-210 096] (1989)

\* Copy of reference is not enclosed because reference is cited in Search Report (copy of reference provided by International Searching Authority).

EXAMINER <i>Lindsey Odell</i>	DATE CONSIDERED 7/12/08
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